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**TRANSMITTAL  
FORM**

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Total Number of Pages in This Submission 5

Application Number	10/804,431
Filing Date	March 19, 2004
First Named Inventor	Xinbing Liu
Art Unit	1763
Examiner Name	
Attorney Docket No.	MATB-404US

**ENCLOSURES (Check all that apply)**

- |  |  |  |
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| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/Declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Response to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input checked="" type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation,<br>Change of Correspondence<br>Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) ____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication<br>to TC<br><br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply<br>Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please<br>identify below): Submittal of<br>Formal Drawings |
|--|--|--|

**Remarks:****SIGNATURE OF APPLICANT, ATTORNEY OR AGENT**

Firm Name	Ratner Prestia		
Signature			
Printed Name	Kenneth N. Nigon		
Date	February 15, 2005	Registration No.	31,549

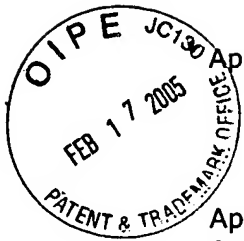
**CERTIFICATE OF TRANSMISSION / MAILING**

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Signature			
Typed or Printed Name	Denise Morgan	Date	February 15, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

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Appln: No. 10/804,431

MATB-404US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: 10/804,431  
Applicant: Xinbinb Liu  
Filed: March 19, 2004  
Title: PROCESS AND APPARATUS FOR FORMING DISCRETE  
MICROCAVITIES IN A FILAMENT WIRE USING A POLYMER ETCHING  
MASK  
TC/A.U.: 1763  
Confirmation No.: 7208  
Docket No.: MATB-404US


**SUBMITTAL OF FORMAL DRAWINGS**

Mail Stop PGPUB Drawings  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

Enclosed are three (3) sheets of formal drawings for the above-identified application.

Respectfully Submitted,

  
\_\_\_\_\_  
Kenneth N. Nigon, Reg. No. 31,549  
Attorney for Applicant

KNN/tmb

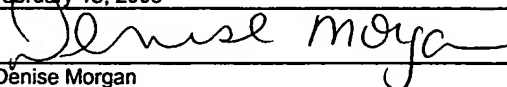
Dated: February 15, 2005

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